



PCT10

RAW SEQUENCE LISTING

DATE: 04/11/2002

PATENT APPLICATION: US/10/089,128

TIME: 16:03:46

Input Set : A:\PT-1066 USN SEQUENCE LISTING.txt

Output Set: N:\CRF3\04112002\J089128.raw

ENTERED

P.6

4 <110> APPLICANT: INCYTE GENOMICS, INC.
 5 HODGSON, David M.
 6 LINCOLN, Stephen E.
 7 RUSSO, Frank D.
 8 SPIRO, Peter A.
 9 BANVILLE, Steve C.
 10 BRATCHER, Shawn R.
 11 DUFOUR, Gerard E.
 12 COHEN, Howard J.
 13 ROSEN, Bruce H.
 14 SHAH, Purvi
 15 CHALUP, Michael S.
 16 HILLMAN, Jennifer L.
 17 JONES, Anissa L.
 18 YU, Jimmy Y.
 19 GREENAWALT, Lila B.
 20 PANZER, Scott R.
 21 ROSEBERRY, Ann M.
 22 WRIGHT, Rachel J.
 23 CHEN, Wensheng
 24 LIU, Tommy F.
 25 YAP, Pierre E.
 26 STOCKDREHER, Theresa K.
 27 AMSHEY, Stefan
 28 FONG, Willy T.
 30 <120> TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
 32 <130> FILE REFERENCE: PT-1066 PCT
 C--> 34 <140> CURRENT APPLICATION NUMBER: US/10/089,128
 C--> 35 <141> CURRENT FILING DATE: 2002-03-22
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 60/156,624;
 W--> 38 60/156,625; 60/167,542; 60/167,522; 60/167,453; 60/167,517;
 W--> 39 60/167,943; 60/167,945; 60/167,520; 60/168,468; 60/168,599;
 W--> 40 60/167,410; 60/168,265; 60/168,429; 60/168,432; 60/167,521;
 W--> 41 60/168,857; 60/168,197; 60/168,611; 60/168,613
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 W--> 46 1999-11-24; 1999-11-30; 1999-11-30; 1999-11-30; 1999-11-24;
 W--> 47 1999-12-02; 1999-11-30; 1999-12-02; 1999-12-02
 49 <160> NUMBER OF SEQ ID NOS: 71
 50 <170> SOFTWARE: PERL Program
 52 <210> SEQ ID NO: 1
 53 <211> LENGTH: 3211

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55 <213> ORGANISM: Homo sapiens
57 <220> FEATURE:
58 <221> NAME/KEY: misc_feature
59 <223> OTHER INFORMATION: Incyte ID No: 405310.1.oct
61 <220> FEATURE:
62 <221> NAME/KEY: unsure
63 <222> LOCATION: 91, 105, 119, 122, 124, 131, 139, 143, 211, 262, 288, 318, 342, 347,
64 399, 414, 416, 421
65 <223> OTHER INFORMATION: a, t, c, g, or other
67 <400> SEQUENCE: 1
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W--> 71 ggctgcatca tgtctggagg gacaaatctg ncttgctcga atagtcatag ccagcatact 240
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76 ctttgccgcc agcgcagcct cagagtttga ttatttgcaa tgtcaggcct tgaaaaactta 540
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90 tgggccagat gtacaaaaag gaccttgaac tcttaaattg gaccagcaaa ctgctgcagc 1380
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96 gacttactgc aaaaatattt ttccaaggat ttaggaaaga aaaattgcct tgtatttctca 1740
97 agtcaggtaa ctcaaagcaa aaaagtgatc caaatgtaga gtatgagttt gcaactccaaa 1800
98 aatttgacat tactgtaaat tatctcatgg aatttttgct aaaattcaga gatacgggaa 1860
99 gttcacaatc taccttattg tagacatgaa atgcgaacac ttacttacat attaattgta 1920
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101 tcccaaaaat aataaaaaaa tcactaacct tttttaagga aaatatttaa agttttacaa 2040
102 aattcaatat tgcaattatc aatgtaaagt acatttgaat gcttattaaa actttcccaa 2100
103 ttaattttta ctgtgttatt gaatttactt ttactaaaact actgttctct ttgtctcttt 2160
104 ttttaactagg ctctgatttt gaccctaat ttaagcttta agaatagaaa tcagctaata 2220
105 tagaatcaga caaaaagggg attaaatgag cagtttgagt tacattattt tattgtatta 2280

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106 aattttatttg attttatattg tcatgtttctc ttgccagaga gaatctgtag gaaaatactg 2340
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108 tcagttatag ttacgagaaa gatatggtac agggaggaaa atactgcctt tttttttttt 2460
109 ttaaagagat tttcagacta aatagaaatg tcaaaatgat gtatcaatgg ttctttttta 2520
110 gaacaagttt tcaaagcata aaaagagggt gagagaaata acatatattat tgattcacat 2580
111 aagtatgttt ttcttcatta atcgtctgga gaaaccact tgtcattaat ttgttttggg 2640
112 ctaggttttc aaacttacca aattgcttta aaaaagcaat ttggaaggta atttgatagg 2700
113 ctttccaact taaccaaaatt ttttattgta attcttggat agtatttttg tctttttcaa 2760
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115 tattgctaata aaacggtaga agatgctttg gaaattaaaa ttatctcgct gttgggttaga 2880
116 cttaacactg ttaactctca gccaaatata acatatggat caaattattt tcttttttgt 2940
117 tgtttaccct atcctcaaca acatttttag tttaaattat tgtagagatt ttttttgtgg 3000
118 tggttatttt ttattttgct ccaaaataat aagggtgcaa gctattttat gcttaactgt 3060
119 tgctctgtca aaacagctat gcagtggagt tgcatttgat gttctagagt ttgattacat 3120
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129 <221> NAME/KEY: misc_feature

130 <223> OTHER INFORMATION: Incyte ID No: 480731.6.oct

132 <400> SEQUENCE: 2

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135 gcagactgtg aggtggagca gtgggactcg gatgagccca tccctgcca ggagctagag 180
136 cgagggtggt cgggggcca cggcctgctc tgcctcctct ccgaccagt ggacaagagg 240
137 atcctggatg ctgcagggtc caatctcaaa gtcatcagca ccatgtctgt gggcatcgac 300
138 cacttggtt tggatgaaat caagaagcgt gggatccgag ttggctacac ccagatgtc 360
139 ctgacagata ccaccgccga actcgcagtc tccctgctac ttaccacctg ccgccggttg 420
140 ccggaggcca tcgaggaagt gaagaatggt ggctggacct cgtggaagcc cctctggttg 480
141 tgtggctatg gactcacgca gagcactgtc ggcacatcg ggctggggcg cataggtgag 540
142 gctcccaccg gcccgcttgc ccgccccggc tctcacagcg tggtttgcat ccctggcacc 600
143 acgtgtctga aggtgagaa gaccacatg ctgtcagggc actttgcttg cagtagagat 660
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147 <210> SEQ ID NO: 3

148 <211> LENGTH: 1779

149 <212> TYPE: DNA

150 <213> ORGANISM: Homo sapiens

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156 <400> SEQUENCE: 3

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159 tcttctttcg cggttcagca tgcaggaaaa agacgcctcc tcacaagggt tctgcccaca 180
160 cttccaacat ttcgccacgc aggcgatcca tgtgggccag gatccagagc aatggacctc 240

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161 cagggctgta gtgccccca tctcactgtc caccacgttc aagcaagggg cgctggcca 300
162 gcactcgggt tttgaatata gccgttctgg aaatcccact aggaattgcc ttgaaaaagc 360
163 agtggcagca ctggatgggg ctaagtactg tttggccttt gcttcagggt tagcagccac 420
164 tgtaactatt acccatcttt taaaagcagg agaccaaaatt atttgtatgg atgatgtgta 480
165 tggaggtaca aacaggtaact tcaggcaagt ggcactcgaa tttggattaa agatttcttt 540
166 tgttgattgt tccaaaatca aattactaga ggcagcaatt acaccagaaa ccaagcttgt 600
167 ttggatcgaa acccccacaa accccaccca gaaggtgatt gacattgaag gctgtgcaca 660
168 tattgtccat aagcatggag acattatttt ggtcgtggat aacactttta tgtcaccata 720
169 tttccagcgc cctttggctc tgggagctga tatttctatg tattctgcaa caaaatacat 780
170 gaatggccac agtgaatgtg taatgggcct ggtgtctgtt aattgtgaaa gccttcataa 840
171 tagacttcgt ttcttgcaaa actctcttgg agcagttcca tctcctattg attgttacct 900
172 ctgcaatcga ggtctgaaga ctctacatgt ccgaatggaa aagcatttca aaaacggaat 960
173 ggcagttgcc cagttcctgg aatctaatacc ttgggtagaa aaggttattt atcctgggct 1020
174 gccctctcat ccacagcatg agttggtgaa gcgtcagtg acaggttgta cagggatggt 1080
175 caccctttat attaagggca cttcttcagc atgctgagat tttcctcaag aacctaaagc 1140
176 tatttactct ggccgagagc ttgggaggat tcgaaagcct tgctgagctt ccggcaatca 1200
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184 tactttggga gattatgttc ttttttcagc tctaagattt attttgatca tgtttataat 1680
185 ataatggtaa ttcatttttg atgttttggt aagaatttaa atttaaacga atgttcttaa 1740
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188 <210> SEQ ID NO: 4

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195 <223> OTHER INFORMATION: Incyte ID No: 237330.8.dec

197 <400> SEQUENCE: 4

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203 ccgacgagct tgttttgtcc cggactcggg gccctgtag acaatggccc tcgtgtctgc 360
204 cgattccgcg attgcagaac ttctcacaga gctccatcag ctgatcaaac aaaccagga 420
205 agagcgttcg cggagcgaac acaacttagt gaacatccag aagacccatg agcggatgca 480
206 gacagagaac aagattttct cctattaccg gacaaagctg cgtggcctct acacaaccgc 540
207 caaggccgat gcagaggctg agtgcaacat ccttcggaaa gctctggaca agatcgcgga 600
208 aatcaagtct ctgttggaag agaggcggat tgcggccaag attgccggtc tctacaatga 660
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210 ggccatgacc ctgcccctgt ggatcgggaa gcctggtgac aagcccccac ccctctgtgg 780
211 ggccatccct gcctcaggag actacgtggc cagacctgga gacaagggtg ctgcccgggt 840
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RAW SEQUENCE LISTING

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DATE: 04/11/2002

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Input Set : A:\PT-1066 USN SEQUENCE LISTING.txt

Output Set: N:\CRF3\04112002\J089128.raw

213 caccaacaag tatgaggtag atgacatcga tgaagaaggc aaagagagac acaccctgag 960
 214 cggcgccgt gtcattcccgc tgccccagtg gaaggccaac ccggagacgg accctgaggc 1020
 215 cttgttccag aaggagcagc tcgtgctggc cctgtatccc cagactacct gcttctaccg 1080
 216 cgccctgac catgcgcccc cacagcggcc ccaggatgac tactcgggcc tgtttgaaga 1140
 217 cacctcctat gcagatggct attccccctc cctcaatgtg gctcagagat acgtgggtggc 1200
 218 ttgtaaggaa cccaagaaaa agtgaatgcc cctggcagac tcgccatccc ccaacgacac 1260
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222 <211> LENGTH: 1991

223 <212> TYPE: DNA

224 <213> ORGANISM: Homo sapiens

226 <220> FEATURE:

227 <221> NAME/KEY: misc_feature

228 <223> OTHER INFORMATION: Incyte ID No: 053778.11.dec

230 <220> FEATURE:

231 <221> NAME/KEY: unsure

232 <222> LOCATION: 83-84, 87, 97, 129, 131

233 <223> OTHER INFORMATION: a, t, c, g, or other

235 <400> SEQUENCE: 5

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 238 acaccgcgng ngccgttggt cccgagacgt tggtgagtc cctgtgtcct cttctgggtg 180
 239 gaggaactgc aatgtctggt ggagaacaga aaccagagag gtactatgtg ggtgtggacg 240
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 242 acatctgggc tgcgtgctgt gttgtcaca aaaaagttgt acaagggatt gatttaaacc 420
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 257 ccagatgcca gagtatatat gcataattga acagtcacct ggatctgatt aagaaggctc 1320
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 259 ctcccttagc agatctgaca ctaaagggca tggtcaccgg attgaaactg tctcaggacc 1440
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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:9; N Pos. 1059,1076
Seq#:11; N Pos. 2042
Seq#:13; N Pos. 1605,2212
Seq#:17; N Pos. 632
Seq#:20; N Pos. 360
Seq#:21; N Pos. 27,3938
Seq#:23; N Pos. 64,71
Seq#:27; N Pos. 1267,1324,1329,1341
Seq#:28; N Pos. 1089,1237,1283
Seq#:31; N Pos. 382
Seq#:34; N Pos. 1479
Seq#:35; N Pos. 45
Seq#:40; N Pos. 1653
Seq#:41; N Pos. 122,163,170,177
Seq#:43; N Pos. 30
Seq#:44; N Pos. 559,560,569,570,1009,1010,1011,1012,1022,1056,1057
Seq#:45; N Pos. 20,1971
Seq#:46; N Pos. 6955,6964
Seq#:47; N Pos. 1027
Seq#:54; N Pos. 1195
Seq#:58; N Pos. 398
Seq#:59; N Pos. 6249
Seq#:61; N Pos. 49
Seq#:63; N Pos. 118
Seq#:65; N Pos. 631,633,635,1339,1343,1353
Seq#:68; N Pos. 2986
Seq#:71; N Pos. 188